

Art Unit: 2622

1. Drawings filed on 6/16/06 have been approved by the examiner.

2. Claims 1-13 and 19-32 are allowed.

The prior art of record fails to suggest or disclose:

With regard to claim 1, a camera arrangement, in particular for use in a motor vehicle, comprising the objective lens being connected by a connector to the objective lens carrier; said connector being one or more ball segment-shaped housing sections, said sections being operatively engaged with said which are provided terminally of the objective lens and sections being held in a cylindrical bore of said objective lens carrier, said connector being operative to suitable for sliding the slide said objective lens relative to said image sensor; and said connector being operative to as well as pivot said objective lens relative to said image sensor.

With regard to claim 19, a camera arrangement comprising to store the weighted average linked with a respective distance position in an evaluating device; said objective lens being slidable in the direction of the image sensor in response to a signal from said controller; said controller being further configured to repeat said determining a first weighted average step and to slide said objective lens until a housing section

Art Unit: 2622

reaches a predetermined sliding end position; said controller being further configured to slide said objective lens to a distance position W_{max} in which the value of the stored weighted averages is maximal; said objective lens being pivotable into a predetermined first initial pivot position; said controller being further configured to read out the image sensor information and determine the contrast values in the predetermined image regions, and to determine a second weighted average of the contrast values and to store the second weighted average linked with a respective pivot position in an evaluating device; said controller being further configured to pivot said objective lens by a pivot angle in a predetermined first pivot direction.

With regard to claim 27, a camera meeting image tolerance criteria by adjustment after manufacture and initial assembly of components comprising said lens holder being initially slideable relative to said housing along an axis substantially normal to said planar image sensor such as to enable selectively varying an axial position of said focal plane relative to said image sensor; said lens holder being initially pivotable relative to said housing such as to enable selectively varying an angle of said focal plane relative to said planar image sensor; said lens holder being fixedly adhered to said housing in a user selected

Art Unit: 2622

position relative to said image sensor; said user selected position being determined according to preconfigured image control criteria and according to maximal values for said image control criteria obtainable before said fixed adherence of said lens holder to said housing by adjusting said sliding and said pivoting of said lens holder relative to said housing.

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Lee et al (2009/0256931 A1) discloses a camera module that includes an image sensor chip.

Strong (2007/0024740 A1) discloses a lens system that comprises a flexible body.

Tanaka (2007/0132878 A1) discloses an interchangeable lens system.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan Ho whose telephone number is (571) 272-7365. The examiner can normally be reached on Mon-Fri 7:00AM-4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sinh Tran can be reached on (571) 272-7564. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Tuan V Ho/

Primary Examiner, Art Unit 2622